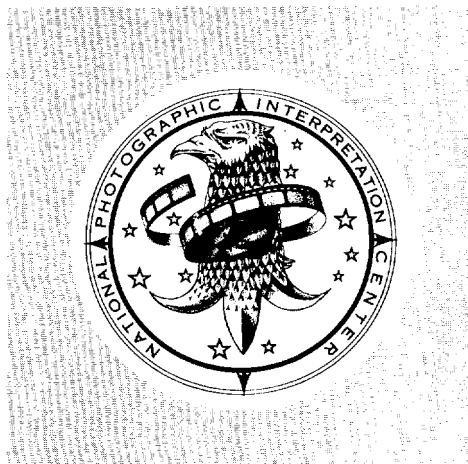


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NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

OAK
SUPPLEMENT

PHOTOGRAPHIC INTERPRETATION REPORT

KH-4 MISSION III7

IPIR NUMBER 3

OAK SUPPLEMENT PART I

26-31 MAY 1972

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TCS-21297/72

JUNE 1972

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WARNING

This document contains information affecting the national security of the United States within the meaning of the espionage laws U. S. Code Title 18, Sections 793 and 794. The law prohibits its transmission or the revelation of its contents in any manner to an unauthorized person, as well as its use in any manner prejudicial to the safety or interest of the United States or for the benefit of any foreign government to the detriment of the United States. It is to be seen only by personnel especially indoctrinated and authorized to receive information in the designated control channels. Its security must be maintained in accordance with regulations pertaining to TALENT-KEYHOLE Control System.

**TARGET CATEGORIES
AND
ASSOCIATED NTP FUNCTIONAL AREAS (CODES)**

- | | |
|--|---|
| 1. STRATEGIC SSM
Deployed Strategic SSM Facilities (A) | 7. GROUND
Ground Force Facilities (G) |
| 2. MISSILE RANGES
Missile Ranges: Strategic SSM/Space Facilities (P)
Missile Ranges: Air-Launched Missile Facilities (Q)
Missile Ranges: Naval-Launched Missile Facilities (R)
Missile Ranges: Tactical SSM Facilities (S)
Missile Ranges: SAM/AMM Facilities (T) | 8. TACTICAL SSM
Deployed Tactical SSM Facilities (H) |
| 3. AIR DEFENSE MISSILES
Deployed AMM Facilities (B)
Deployed SAM Facilities (D) | 9. LOGISTICS
Military Logistics Facilities (K) |
| 4. ELECTRONICS/COMMUNICATIONS
Deployed Communication/Electronic/Radar Facilities (C) | 10. NUCLEAR ENERGY
Atomic Energy Facilities (O) |
| 5. AIR
Air Base Facilities (E) | 11. CBR
CBR Facilities (V) |
| 6. NAVAL
Naval Base Facilities (F) | 12. INDUSTRY
Strategic Weapons Industrial Facilities (J)
General Purpose Weapons Industrial Facilities (L)
Non-Military Industrial Facilities (N)
Communication/Electronic/Radar R&D Facilities (U) |
| | 13. MISCELLANEOUS
Non-Military Logistics Facilities (M)
Miscellaneous/Unidentified Facilities (Z) |

These thirteen target categories are compatible with the Functional Area of Imagery Interpretation established under the National Tasking Plan. To enhance the analysis of readout on operationally associated targets, each target is reported relative to its primary functional association (i.e., missile range tracking facilities are reported under "MISSILE RANGES," fly-away airfields at aircraft plants are reported under "INDUSTRY," airfield nuclear weapons storage facilities are reported under "AIR," etc.).

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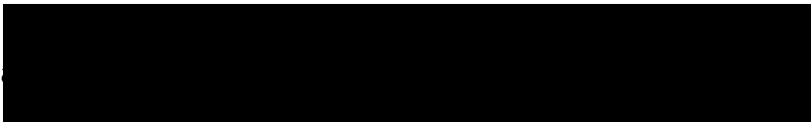
PREFACE

PREFACE

THIS IS THE FIRST OF SEVERAL OAK SUPPLEMENT REPORTS ON MISSION 1117. BASED ON EXSUBCOM GUIDANCE FOR SECOND-PHASE EXPLOITATION OF THIS MISSION, IT PROVIDES INFORMATION ON SIGNIFICANT CHANGE OBSERVED AT THE C AND D PRIORITY COMIREX EXPLOITATION TARGETS OBSERVED AND SIGNIFICANT NEW INSTALLATIONS OR ACTIVITY OBSERVED.

ALL SIGNIFICANT ACTIVITY AT ICBM AND MR/IRBM COMPLEXES AND AT MISSILE TEST CENTERS IS REPORTED UNDER THE COMPLEX/TEST CENTER NAME. FOR ADDITIONAL PREFACE DETAILS, SEE OAK PART 1, 1117-1.

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CHINA, COMMUNIST
DEPLOYED STRATEGIC SSM FACILITIES

SIGNIFICANT RESULTS

25X1D

I-TU SSM TRAINING SCHOOL

25X1A 36-36-40N 118-29-00E



STATUS:OCCUPIED

REMARKS:

A POSSIBLE SRBM WAS ERECTED ON THE TRAINING PAD. THE TOP OF
THE POSSIBLE MISSILE WAS APPROXIMATELY
ABOVE THE GROUND. A POSSIBLE SRBM TRANSPORTER ERECTOR WAS
ALIGNED ON THE PAD. THIS TRAINING ACTIVITY IS SIMILAR TO
ACTIVITY OBSERVED ON THE PAD ON

25X1D

25X1D

MISSILE ORDER OF BATTLE:

25X1D

-- ON TRAINING PAD

1 POSS ERECTED SRBM
1 POSS SRBM TRANSPRTER
ERECTOR

1 POSS CSS-1 MRBM TRANS
ERECTOR
2 PROB MOBILE GANTRY CRANES



25X1D

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CHINA, COMMUNIST
MISSILE RANGES

SIGNIFICANT RESULTS

25X1D

SHUANG-CHENG-TZU LAUNCH TEST SITE B1/2

41-18-28N 100-19-14E

25X1A

STATUS:COMPLETE

REMARKS:

NO MISSILES OR MISSILE EQUIPMENT WERE OBSERVED. THE EMPTY B2
LAUNCH STAND WAS SEEN. THE GANTRY HAD BEEN MOVED SINCE
AND WAS ON THE SOUTHERN PART OF PAD B2.

25X1D

25X1D

25X1D

25X1D

SHUANG-CHENG-TZU SSM LCH TEST SITE A

41-16-52N 100-18-24E

25X1A

STATUS:OPERATIONAL

REMARKS:

NO ACTIVITY WAS OBSERVED AT PAD A1. THREE VEHICLES OR PIECES
OF EQUIPMENT WERE PARKED AT THE CENTER OF PAD A2. TRACK
ACTIVITY AND THE APPROXIMATELY 40 VEHICLES REPORTED ON
WERE STILL PRESENT JUST EAST OF THE CHECKOUT AREA.

25X1D

25X1D

MISSILE ORDER OF BATTLE:

-- EAST OF CHECKOUT AREA
40 VEHICLES (APPROXIMATELY)

25X1D

25X1D

-- AT PAD A2
3 VEHICLES/PIECES OF EQUIP

25X1D

SHUANG-CHENG-TZU SSM LNCH TEST SITE C

41-21-29N 100-19-37E

25X1A

25X1D

STATUS:OPERATIONAL

REMARKS:

NO ACTIVITY WAS SEEN IN THE LAUNCH PAD AREA. TWO VEHICLES OR
PIECES OF EQUIPMENT WERE PARKED IN THE FIELD OPPOSITE THE
HOUSING AND SUPPORT AREA.

25X1C

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CHINA, COMMUNIST
MISSILE RANGES

MISSILE ORDER OF BATTLE:

25X1D [REDACTED] -- IN FIELD OPPOSITE HOUSING AND SUPPORT AREA
2 VEHICLES/PIECES OF EQUIP

25X1D [REDACTED]

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CHINA, COMMUNIST
AIR DEFENSE MISSILES

25X1C
0008-9

SIGNIFICANT RESULTS

KUANG-CHOU SAM SITE B28-1

23-08-32N 113-03-21E

25X1D

25X1A

STATUS:OCCUPIED

REMARKS:
ONE POSITION CONTAINED A PROBABLE LAUNCHER, AND TWO POSITIONS
EACH CONTAINED A POSSIBLE LAUNCHER.

25X1D MISSILE ORDER OF BATTLE:

1 PROB LAUNCHER 25X1D 2 POSS LAUNCHERS

KUN-MING SAM SITE B17-1

24-44-05N 102-47-10E

25X1D

25X1A

STATUS:OCCUPIED

25X1D

REMARKS:
THE SITE HAS BEEN ENLARGED SINCE [REDACTED] TO SIX
POSITIONS. THE TWO NEW LAUNCH AREAS ARE ON NEW ROAD SEGMENTS
ON THE NE EDGE OF THE ORIGINAL SITE.

25X1D MISSILE ORDER OF BATTLE:

5 CSA-1 LAUNCHERS 10 MISSILE TRANSPORTERS
1 POSS CSA-1 LAUNCHER 1 POSS MISSILE TRANSPORTER

ELECTRONIC ORDER OF BATTLE:

1 GUIDANCE RADAR 25X1D

ASSOCIATED OBJECTS:

10 VEHICLES 25X1D

25X1D

25X1C

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CHINA, COMMUNIST
AIR BASE FACILITIES

SIGNIFICANT RESULTS

LU-LIANG AIRFIELD

24-59-04N 103-38-30E

25X1D

25X1A

STATUS: OPERATIONAL

25X1D

AIR ORDER OF BATTLE:

6 SMALL SWEPT-WING

25X1D

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25X1C

CHINA, COMMUNIST
NAVAL BASE FACILITIES

SIGNIFICANT RESULTS

TOU-MEN-HSU NAVAL FACILITY

21-49-38N 112-24-36E

25X1D

25X1A

STATUS: UNDER CONSTRUCTION

REMARKS:

CONSTRUCTION WAS CONTINUING. BOTH TUNNEL ENTRANCES CONTAINED
WATER BEHIND THE COFFERDAMS.

FLOODING OF THE ENTRANCES SHORTLY PRECEDED REMOVAL OF THE
COFFERDAMS AT HU-LU-TAO NAVAL BASE SHIPYARD AND PORT FACILITIES

25X1B

25X1B

25X1A 25X1A

NAVAL ORDER OF BATTLE:

25X1D

NONE DISCERNIBLE

25X1D

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CHINA, COMMUNIST
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

25X1A

24-59-57N 103-11-00E

I-TANG ARMY BARRACKS NORTH AL 1

25X1D

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

25X1D

10 PROB VEHICLES

25X1D

25X1D

KAI-YUAN ARMY BARRACKS NORTHEAST AL 5

25X1D

23-43-53N 103-15-38E

25X1A

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

25X1D

18 VEHICLES (AT LEAST)

25X1D

23-30-25N 103-24-40E

25X1D

MENG-TZU ARMY BARRACKS AL 3

25X1D

25X1A

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

25X1D

2 VEHICLES

25X1D

25X2

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UNITED ARAB REPUBLIC
COMMO/ELEC/RADAR FACILITIES

25X1C

SIGNIFICANT RESULTS

ZAFARANAH AW RADAR FACILITY

29-10-20N 032-38-30E

25X1A

STATUS: OCCUPIED

ELECTRONIC ORDER OF BATTLE:

2 PROB RADARS

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3-9 25X1C

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UNITED ARAB REPUBLIC
AIR BASE FACILITIES

25X1D SIGNIFICANT RESULTS

ABU SUWAYR AIRFIELD

30-34-20N 032-06-10E

25X1A

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

1 PROB SWEPT/DELTA-WING

CAIRO AIRFIELD

30-08-26N 031-24-20E

25X1A

STATUS: OPERATIONAL

REMARKS:

CONSTRUCTION ACTIVITY CONTINUED ON THE NEW RUNWAY, TERMINAL
EXPANSION, AND NEW HANGARS.

AIR ORDER OF BATTLE:

2 CLASSIC
3 707-TYPE
1 COMET
13 CAT/CUB

5 MEDIUM STRAIGHT-WING
1 CAB
31 SMALL STRAIGHT-WING (AT
LEAST)

CAIRO ALMAZA AIRFIELD

30-05-40N 031-21-32E

25X1A

STATUS: OPERATIONAL

REMARKS:

RESURFACING OF THE SE PARKING APRON CONTINUED.

AIR ORDER OF BATTLE:

7 PROB CRATE
3 SMALL STRAIGHT-WING

5 PROB HOOK
16 PROB HELICOPTERS

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25X1C

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UNITED ARAB REPUBLIC
AIR BASE FACILITIES

25X1D

CAIRO HELICOPTER FACILITY NW

30-18-40N 030-52-35E

25X1D

25X1A

STATUS: OPERATIONAL

REMARKS:

CLOUD COVER PRECLUDED A COMPLETE READOUT.

AIR ORDER OF BATTLE:

17 PROB HELICOPTERS

25X1D

25X1D

EMBABA AIRFIELD

30-04-25N 031-11-45E

25X1D

25X1A

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

15 SMALL STRAIGHT-WING (AT
LEAST)

25X1D

25X1D

KABRIT AIRFIELD

30-14-53N 032-29-32E

25X1D

25X1A

REMARKS:

THE NW/SE RUNWAY, TAXIWAY, AND CROSSOVER LINKS HAVE BEEN
RESURFACED. THE REST OF THE AIRFIELD APPEARED TO BE IN A
STATE OF DISREPAIR.

AIR ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

25X1D

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UNITED ARAB REPUBLIC
AIR BASE FACILITIES

KAFR DAUD AIRFIELD

30-28-51N 030-47-07E

25X1D

25X1A

STATUS: OPERATIONAL

REMARKS:
CLOUDS COVERED ALL BUT THE SOUTH END OF THE N/S RUNWAY.

AIR ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

25X1D

SIWA OASIS NORTH AIRFIELD

29-20-30N 025-30-30E

25X1D

25X1A

STATUS: OPERATIONAL

REMARKS:
HAZE AND SMALL SCALE PREVENTED A COMPLETE READOUT.

AIR ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

25X1D

TUKH HIGHWAY AIRSTRIP

30-23-40N 031-11-46E

25X1D

25X1A

STATUS: OPERATIONAL

REMARKS:
CLOUD COVER PRECLUDED A COMPLETE READOUT.

AIR ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

25X1D

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UNITED ARAB REPUBLIC
NAVAL BASE FACILITIES

SIGNIFICANT RESULTS

25X1D

AS SUWAYS PORT FACS ADABIYAH

29-52-38N 032-28-31E

25X1A

STATUS: OPERATIONAL

NAVAL ORDER OF BATTLE: 25X1D

2 POSS SMALL COMBATANTS
1 POSS LCU

1 FREIGHTER (IN HARBOR)

25X1D

25X1D

MINA BARANIS PORT FACILITIES

23-56-31N 035-29-21E

25X1A

STATUS: OPERATIONAL

NAVAL ORDER OF BATTLE:

25X1D

1 TANKER
1 POL BARGE

1 PROB UNID MINOR COMBATANT

ASSOCIATED OBJECTS:

1 DERELICT LCU

25X1D

25X1D

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25X1C

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UNITED ARAB REPUBLIC
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

25X1D

AL QAHIRAH ARMY BKS A SCHOOL ABBASIYAH

30-04-38N 031-18-07E

25X1A

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

VEHICLES/PIECES OF EQUIP
(NUMEROUS)

25X1D

25X1D

25X1D

AL QAHIRAH ARMY BKS + SCH AL HILMIYAH

30-06-50N 031-19-38E

25X1A

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

VEHICLES/PIECES OF EQUIP
(NUMEROUS)

25X1D

25X1D

AL QAHIRAH BKS DIV HQ TNG CEN HUCKSTEP

30-08-45N 031-27-15E

25X1A

STATUS:OCCUPIED

REMARKS:

NO NEW SIGNIFICANT MILITARY ACTIVITY WAS OBSERVED.

GROUND FORCE ORDER OF BATTLE:

VEHICLES/PIECES OF EQUIP
(NUMEROUS)

25X1D

25X1D

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UNITED ARAB REPUBLIC
GROUND FORCE FACILITIES

25X1D AL QAHIRAH PYRAMIDS BARRACKS 29-59-20N 031-07-35E 25X1A
STATUS:OCCUPIED

25X1D GROUND FORCE ORDER OF BATTLE:
VEHICLES/PIECES OF EQUIP
(NUMEROUS)

25X1D

25X1D AL QAHIRAH PYRAMIDS BKS SE 29-56-17N 031-09-35E 25X1A
STATUS:OCCUPIED

25X1D GROUND FORCE ORDER OF BATTLE:
VEHICLES/PIECES OF EQUIP
(NUMEROUS)

25X1D

25X1D AS SUWAYS TROOP CONCENTRATION 29-58-20N 032-32-59E 25X1A
STATUS:UNKNOWN

REMARKS:
NO NEW SIGNIFICANT MILITARY ACTIVITY WAS OBSERVED.

25X1D GROUND FORCE ORDER OF BATTLE:
NONE DISCERNIBLE

25X1D

25X1D DAHSHUR MILITARY CAMP 29-49-00N 031-10-00E 25X1A
STATUS:OCCUPIED

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UNITED ARAB REPUBLIC
GROUND FORCE FACILITIES

GROUND FORCE ORDER OF BATTLE:

25X1D

VEHICLES/PIECES OF EQUIP
(NUMEROUS)

25X1D

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UNITED ARAB REPUBLIC
INDUSTRY

SIGNIFICANT RESULTS

25X1D AL QAHIRAH AIRFRAME PLT HELWAN 36 29-49-50N 031-19-58E 25X1A

STATUS: OPERATIONAL

25X1D

25X1D REMARKS:
THE PROBABLE SHOP BUILDING UNDER CONSTRUCTION IN
IN THE NORTH PART OF THE OLD PLANT APPEARS COMPLETE.

25X1D ASSOCIATED OBJECTS:
-- AT NEW PLANT
2 LIGHT STRAIGHT-WING 1 POSS SMALL SWEEP-WING
6 PROB SMALL DELTA-WING 7 POSS AIRCRAFT (AT LEAST)

25X1D

25X1D HULWAN AFLD 29-49-30N 031-19-48E 25X1A

STATUS: OPERATIONAL

25X1A REMARKS:
TWO HANGARETTES STILL LACK PROTECTIVE STRUCTURES, FOR AIRCRAFT
COUNT SEE AL QAHIRAH AIRFRAME PLANT HELWAN 36

25X1D

25X2

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JORDAN
AIR BASE FACILITIES

SIGNIFICANT RESULTS

25X1D

PRINCE HASAN AIRFIELD

32-09-30N 037-09-05E

25X1A

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

1 POSS UNID AIRCRAFT

25X1D

25X1D

RUWAYSHID AIRFIELD

32-24-55N 039-08-45E

25X1A

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

5 POSS AIRCRAFT

25X1D

25X1D

OTHER RESULTS-NO APPARENT CHANGE

H-4 AIRFIELD NEW

32-32-25N 038-11-20E

25X1A

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

25X1D

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LIBYA
COMMO/ELEC/RADAR FACILITIES

SIGNIFICANT RESULTS

GAMAL ABD-EL-NASSER AIRFIELD

31-51-15N 023-55-02E

25X1D

25X1A

STATUS: OPERATIONAL

REMARKS:

HAZE AND SMALL SCALE PREVENTED A COMPLETE READOUT.

AIR ORDER OF BATTLE:

25X1D

50 POSS AIRCRAFT (AT LEAST)

25X1D

25X1C

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LIBYA
AIR BASE FACILITIES

SIGNIFICANT RESULTS

25X1D KANBUTH AIRFIELD 3

31-50-55N 024-35-53E

25X1A

STATUS: OPERATIONAL

REMARKS:

HAZE AND SMALL SCALE PREVENTED A COMPLETE READOUT.

25X1D AIR ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

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9 25X1C

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MUSCAT AND OMAN
AIR BASE FACILITIES

SIGNIFICANT RESULTS

AZAIBA AIRFIELD WEST

23-35-50N 058-15-00E

25X1D

25X1A

STATUS: UNDER CONSTRUCTION

PHYSICAL DESCRIPTION:

APPROXIMATELY 6 NM WEST OF AZAIBA NEAR THE GULF OF OMAN COAST. THIS NEWLY IDENTIFIED AIRFIELD IS UNDER CONSTRUCTION AND CONSISTS OF A 3,059 X 60-M (10,036 X 197-FT) WSW/ENE RUNWAY AND PARALLEL TAXIWAY--BOTH BEING SURFACED-- AND TWO END-CONNECTING LINKS, TWO CROSSOVER LINKS, AND TWO PARKING AREAS IN VARYING STAGES OF CONSTRUCTION. A SUPPORT AREA IS IMMEDIATELY SOUTH OF THE RUNWAY AND CONSISTS OF ONE PROBABLE OPERATIONS BUILDING AND SEVEN SUPPORT BUILDINGS IN VARYING STAGES OF CONSTRUCTION. DAY MARKERS WERE BEING PAINTED ON THE WSW END OF THE RUNWAY.

ABOUT 1,500 M (5,000 FT) SOUTH OF THE AIRFIELD THERE ARE APPROXIMATELY 30 BARRACKS TYPE BUILDINGS, 18 TENTS, AND A STORAGE AREA WITH EIGHT DISPERSED ABOVE-GROUND BUNKERS.

25X1D

MAP SOURCE REFERENCE:
250-JOG-G, NF 40-3

25X1D

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25X1C

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POLAND
INDUSTRY

SIGNIFICANT RESULTS

LUBLIN AIRFRAME PLT SWIDNIK

51-13-40N 022-42-08E

25X1D

25X1A

STATUS: OPERATIONAL

ASSOCIATED OBJECTS:

26 SMALL STRAIGHT-WING

5 SMALL HELICOPTERS

25X1D

MIELEC AIRFRAME PLANT WSK

50-18-38N 021-27-40E

25X1D

25X1A

STATUS: OPERATIONAL

ASSOCIATED OBJECTS:

-- AT THE AIRFIELD

2 COLT

42 SMALL STRAIGHT-WING

3 SAILPLANES

4 SMALL SWEPT-WING

25X1D

-- AT THE PLANT

4 SMALL STRAIGHT-WING

25X1D

HANDLE VIA
TALENT KEYHOLE
CONTROL SYSTEM ONLY

TCS-21297/72 - IPIR 3
KH-4 MISSION 1117

25X1C

SAUDI ARABIA
AIR BASE FACILITIES

SIGNIFICANT RESULTS

25X1D TABUK AIRFIELD

28-22-20N 036-37-31E

25X1A

STATUS: OPERATIONAL

REMARKS:

CONSTRUCTION WAS STILL IN PROGRESS ON THE NEW NE/SW RUNWAY AND
ON THE PARALLEL, LINK, CROSSOVER, AND CIRCULAR TAXIWAYS. THE
LARGE HANGAR WAS ALSO STILL UNDER CONSTRUCTION. SMALL SCALE
AND LIMITED INTERPRETABILITY PRECLUDED DETERMINATION OF
CONSTRUCTION STATUS FOR THOSE BUILDINGS THAT WERE UNDER
CONSTRUCTION IN

25X1D

AIR ORDER OF BATTLE:

NONE DISCERNIBLE

25X1D

25X1D

HANDLE VIA
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CONTROL SYSTEM ONLY

3-9

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KH-4 MISSION 1117

25X1C

SYRIA
AIR BASE FACILITIES

SIGNIFICANT RESULTS

DEIR EZ ZOR AIRFIELD

35-16-58N 040-10-44E

25X1D

25X1A

STATUS: OPERATIONAL

REMARKS:

25X1D CONSTRUCTION CONTINUED ON THE PROBABLE COMMAND AND CONTROL
CENTER FIRST REPORTED IN

AIR ORDER OF BATTLE:

25X1D

14 POSS SMALL SWEPT-WING

25X1D

JIRAH AIRFIELD

36-05-48N 037-56-45E

25X1D

25X1A

STATUS: OPERATIONAL

REMARKS:

25X1D CONSTRUCTION CONTINUED ON THE LINK TAXIWAY FIRST OBSERVED IN

AIR ORDER OF BATTLE:

25X1D

1 POSS SMALL SWEPT-WING

25X1D

HANDLE VIA
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25X1C

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SOVIET UNION
MISSILE RANGES

SIGNIFICANT RESULTS

SARY-SHAGAN MTC LAUNCH COMPLEX F

46-26-40N 072-51-10E

25X1D

25X1A

STATUS: OPERATIONAL

REMARKS:

AT LAUNCH SITE 4, A SECOND POSSIBLE SILO WAS OBSERVED UNDER CONSTRUCTION AT THE SIXTH POSITION OF THE SITE. THE CONSTRUCTION ACTIVITY RESEMBLES ACTIVITY OBSERVED DURING A SIMILAR STAGE OF CONSTRUCTION AT THE FIFTH POSITION OF SITE 4, WHERE A POSSIBLE SILO WAS IDENTIFIED IN [REDACTED]. THE SILO EXCAVATION IS APPROXIMATELY [REDACTED] IN DIAMETER. A LARGE AMOUNT OF EXCAVATED DIRT WAS NEARBY AND A PROBABLE CRANE WAS IMMEDIATELY ADJACENT TO THE EXCAVATION.

25X1D

25X1D

AT LAUNCH SITE 2, A MISSILE CANISTER WAS ERECTED VERTICALLY ON THE LAUNCHER AT POSITION 2A. NO OTHER CANISTERS WERE OBSERVED AT THE COMPLEX.

AT FORMER GRIFFON R + D LAUNCH SITE WEST, THE DOUBLE SECURITY FENCE HAS BEEN EXTENDED IN A HORSESHOE SHAPE AROUND UNIDENTIFIED GROUND SCARRING AT THE SOUTHEASTERN CORNER OF THE SITE. UNIDENTIFIED GROUND SCARRING WAS ALSO OBSERVED JUST NORTH OF FORMER GRIFFON RADAR POSITION C2. THE [REDACTED] (55-FOOT)-DIAMETER EXCAVATION ADJACENT TO POSITION C2 APPEARED TO HAVE BEEN FILLED IN AND GRADED OVER.

25X1D

25X1D

SARY-SHAGAN TRACKING FACILITY G3

46-06-20N 073-05-30E

25X1A

STATUS: UNDER CONSTRUCTION

PHYSICAL DESCRIPTION:

THIS NEWLY CONFIRMED TRACKING FACILITY IS APPROXIMATELY 20 NM SE OF LAUNCH COMPLEXES A AND F AND 19 NM NW OF LAUNCH COMPLEX G.

THE FACILITY CONTAINS AN INTERFEROMETER AND AT LEAST TWO BUILDINGS UNDER CONSTRUCTION. THE LEGS OF THE INTERFEROMETER ARE GRADED ALONG AZIMUTHS OF APPROXIMATELY [REDACTED] DEGREES. THE FACILITY APPEARS TO BE PART OF THE SARY-SHAGAN MTC LAUNCH COMPLEX G [REDACTED], WHICH IS AT 45-52-24N 073-24-04E.

25X1D

25X1A

HANDLE VIA
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8-9

TCS-21297/72 - IPIR 3
KH-4 MISSION 1117

25X1C

SOVIET UNION
MISSILE RANGES

TGT DIAM:1,609 M (5,280 FT). ELEV:457 M (1,500 FT)

MAP SOURCE REFERENCE:
M0245-14HL 6TH ED MAY 69

25X1D

SARY-SHAGAN TRACKING FACILITY G4

45-55-30N 072-50-10E

25X1D

25X1A

STATUS:UNDER CONSTRUCTION

PHYSICAL DESCRIPTION:

THIS NEWLY CONFIRMED TRACKING FACILITY IS APPROXIMATELY 24 NM
WNW OF LAUNCH COMPLEX G.
THE FACILITY CONTAINS AN INTERFEROMETER UNDER CONSTRUCTION AND
AT LEAST TWO BUILDINGS UNDER CONSTRUCTION. THE FACILITY
APPEARS TO BE PART OF THE NEWLY DESIGNATED SARY-SHAGAN MTC
LAUNCH COMPLEX [REDACTED], WHICH IS AT 45-52-24N
073-24-04E.

25X1A

TGT DIAM: 1609 M (5,280 FT). ELEV: 457 M (1,500 FT).

MAP SOURCE REFERENCE:
M0245-14HL 6TH ED MAY 69

25X1D

OTHER RESULTS-NO APPARENT CHANGE

25X1D

AKHTUBINSK/VLADIMIROVKA AAM + ASM STOR

48-22-41N 046-12-18E

25X1A

STATUS:OPERATIONAL

AIR ORDER OF BATTLE:

25X1D

HANDLE VIA
TALENT KEYWORD For Release
CONTROL SYSTEM ONLY

9

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KH-4 MISSION 1117

SOVIET UNION
AIR DEFENSE MISSILES

SIGNIFICANT RESULTS

ASHULUK SAM FIRING RANGE

47-26-20N 048-02-30E

25X1D

25X1A

STATUS: OPERATIONAL

REMARKS:

A NEW LAUNCH SITE HAS BEEN CONSTRUCTED BETWEEN TRACKING FACILITY 2 AND SAM SITE D10-2. THE NEW SITE CONSISTS OF FOUR REVETTED SA-2-TYPE LAUNCH POSITIONS. EACH WAS UNOCCUPIED.

25X1D

KREMENCHUG SAM COMPLEX A24-5

48-59-10N 033-12-05E

25X1D

25X1A

STATUS: UNDER CONSTRUCTION

REMARKS:

POSSIBLE SURVEY SCARS FOR A SECOND LAUNCH SITE WERE IDENTIFIED.

25X1D

HANDLE VIA
TALENT-KEYHOLE
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TCS-21297/72 - IPIR 3
KH-4 MISSION 1117

25X1C

SOVIET UNION
COMMO/ELEC/RADAR FACILITIES

SIGNIFICANT RESULTS

25X1D CHEKHOV COMD CTL FACILITY/HARD

55-09-55N 037-16-20E

25X1A

STATUS:OCCUPIED

REMARKS:

CLOUDS AND HEAVY CLOUD SHADOWS OBSCURED ALL OF THE FACILITY EXCEPT PORTIONS OF THE HOUSING AND ADMINISTRATION AREA AND THE ORIGINAL OPERATIONS AREA. LIMITED INTERPRETABILITY PRECLUDED A DETERMINATION OF THE STATUS OF THE RELAYING OF THE CABLE/CONDUITS.

25X1D

25X1D KOLOMNA PR GS RADCOM XMTR CPLX/BNK/HD

54-59-25N 038-56-30E

25X1A

STATUS:OCCUPIED

REMARKS:

ALL 18 HARDENED ANTENNAS AT THE WESTERN CONTROL BUNKER ARE COMPLETE. PROBABLE SOD STRIPS WERE BEING EMPLACED ON THESE ANTENNAS. A DARK-TONED CIRCULAR OBJECT OF UNIDENTIFIED FUNCTION WAS IN A SMALL CLEARING NE OF THE BUNKER. BACKFILLING OF THE EXCAVATION FOR THE EASTERN CONTROL BUNKER HAD JUST BEGUN. CLEARING ACTIVITY WAS CONTINUING IN THE FOREST AROUND THIS BUNKER. GROUND PREPARATION FOR NEW HARDENED ANTENNAS WAS CONTINUING.

THE REAR ENTRANCE ROAD TO THE FACILITY WAS BEING RESURFACED. SEVERAL MAST SECTIONS AND NEW GUY ANCHOR POSITIONS WERE VISIBLE THROUGHOUT THE EASTERN HF ANTENNA FIELD.

25X1D

25X1D SERPUKHOV PR GS RADCOM RCVR STA/BNK/HD

54-56-00N 037-34-10E

25X1A

STATUS:OCCUPIED

REMARKS:

ALL 18 HARDENED ANTENNAS WERE IN THE FINAL STAGE OF CONSTRUCTION. ALL HAVE BEEN BACK-FILLED AND LEVELED. A

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8-925X1C

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KH-4 MISSION 1117

SOVIET UNION
COMMO/ELEC/RADAR FACILITIES

CLEARING OF UNIDENTIFIED FUNCTION WAS BEING CUT IN THE FOREST
AT THE TERMINUS OF THE NE ENTRANCE ROAD. FOUR SMALL CLEARINGS
OF UNIDENTIFIED FUNCTION HAVE BEEN MADE BETWEEN THE CENTRAL
CONTROL BUNKER AND THE INNER EDGE OF THE FISHBONE ARRAYS. A
POSSIBLE RESERVOIR WAS BEING CONSTRUCTED JUST WEST OF THE
CONSTRUCTION SUPPORT AREA.

25X1D

HANDLE VIA
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25X1C

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KH-4 MISSION 1117

SOVIET UNION
AIR BASE FACILITIES

SIGNIFICANT RESULTS

AKHTUBINSK/VLADIMIROVKA AIRFIELD

48-18-48N 046-13-59E

25X1D

25X1A

STATUS: OPERATIONAL

REMARKS:

A FOXBAT, THREE FLOGGER, AND ONE POSSIBLE FLOGGER WERE OBSERVED ON THE PARKING APRON OUTSIDE THE ASM AREA.

AIR ORDER OF BATTLE:

25X1D

1 BEAR	1 COOT
4 BLINDER	3 CAT/CUB/CAMP
1 PROB BLINDER	1 COKE
13 BADGER	1 PROB COKE
1 FOXBAT	8 CRATE
2 FIDDLER	1 CAB
3 FLOGGER	4 SMALL DELTA-WING
1 POSS FLOGGER	3 SMALL SWEPT-WING
1 PROB CARELESS	1 PROB AIRCRAFT
1 CAMEL	8 HELICOPTERS
1 COOKPOT	

25X1D

CHERNIGOVKA AIRFIELD

44-19-12N 132-33-10E

25X1D

25X1A

STATUS: OPERATIONAL

REMARKS:

A HELICOPTER DISPERSAL AREA HAS BEEN CONSTRUCTED JUST OFF THE SW END OF THE PARALLEL TAXIWAY. IT CONSISTS OF 24 HARDSTANDS IN THREE GROUPS OF EIGHT EACH. THE 50 SMALL SWEPT- OR DELTA-WING FIGHTERS OBSERVED ON [REDACTED] WERE THE MOST FIGHTER AIRCRAFT OBSERVED HERE. ON [REDACTED] 18 FISHBED AND ONE MIDGET HAD BEEN PRESENT.

25X1D

25X1D

AIR ORDER OF BATTLE:

25X1D

50 SMALL SWEPT/DELTA-WING	22 MEDIUM HELICOPTERS (AT LEAST)
1 SMALL STRAIGHT-WING	
12 HOOK	

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25X1C

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KH-4 MISSION 1117
25X1D

SOVIET UNION
AIR BASE FACILITIES

KAMENSK URALSKIY AIRFIELD

56-26-04N 061-59-52E

25X1D

25X1A

STATUS: OPERATIONAL

REMARKS:
THE AIRCRAFT IN THE STATIC DISPLAY AREA REMAINED THE SAME AS
OBSERVED IN . CONCRETE PAVING BLOCKS WERE
OBSERVED NEAR THE NW END OF THE PARKING APRON.

AIR ORDER OF BATTLE:

26 BADGER
13 COOKPOT

1 COKE

KHADABULAK STATION AIRFIELD NORTH

50-45-00N 116-13-30E

25X1D

25X1A

STATUS: OPERATIONAL

REMARKS:
FOUR HANGARETTES WERE UNDER CONSTRUCTION AND NUMEROUS
ARCH-ROOFED HANGARETTE SECTIONS WERE IN THE AREA. THIS WAS THE
FIRST IDENTIFICATION OF FIREBAR-TYPE AIRCRAFT AT THE AIRFIELD.

AIR ORDER OF BATTLE:

2 FLAGON
18 FIREBAR-TYPE
5 SMALL SWEEP-WING
1 CAB

1 COLT
9 MEDIUM HELICOPTERS
1 PROB AIRCRAFT

25X2

25X1C

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25X2

SOVIET UNION
AIR BASE FACILITIES

25X1D

NOVOSIBIRSK NORTHEAST AFLD

55-05-17N 082-59-55E

25X1A

STATUS: OPERATIONAL

25X1D

REMARKS:

A TRENCH WITH A STEAMLINE EXTENDS FROM THE H-SHAPED BUILDING
SEEN IN THE LATE STAGE OF CONSTRUCTION IN [REDACTED] TO
THE STEAMPLANT AT THE AIRFRAME PLANT.

25X1D

ASSOCIATED OBJECTS:

[REDACTED] -- AT THE PLANT

7 FLAGON B/MOD A

1 CAB

3 FAGOT/FRESCO

1 SMALL SWEEP-WING

1 PROB CAMP

1 SMALL STRAIGHT-WING

25X1D

25X1D

SOCHI/ADLER AIRFIELD

43-26-39N 039-56-36E

25X1A

STATUS: OPERATIONAL

25X1D

AIR ORDER OF BATTLE:

2 CAMEL

1 COKE

5 COOT

2 CODLING

1 PROB CRUSTY

3 MEDIUM HELICOPTERS

1 PROB COOKPOT

25X1D

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25X1C

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KH-4 MISSION 1117

SOVIET UNION
GROUND FORCE FACILITIES

SIGNIFICANT RESULTS

25X1D DAURIYA ARMY BKS AL 1

49-55-46N 116-51-20E

25X1A

STATUS:OCCUPIED

REMARKS:
FIFTEEN UNIDENTIFIED OBJECTS IN THREE ROWS WERE IN THE ATHLETIC
FIELD NEAR THE CENTER OF THE INSTALLATION.

25X1D GROUND FORCE ORDER OF BATTLE:

25X1D GEORGIYEVKA TNG AREA SW

49-15-30N 081-30-00E

25X1A

STATUS:OPERATIONAL

REMARKS:
THREE OF THE FIRING LANES ON THE TANK FIRING RANGE WERE
OCCUPIED. THIS WAS THE FIRST OBSERVATION OF TRAINING ACTIVITY
AT THIS FACILITY.

25X1D GROUND FORCE ORDER OF BATTLE:

3 PROB TANKS

5 VEHICLES/PIECES OF EQUIP

25X1D GONGOTA ARMY BKS AL 1

51-46-45N 112-14-45E

25X1A

STATUS:UNOCCUPIED

REMARKS:
NO INSTALLATION OR ACTIVITY OF ANY KIND WAS OBSERVED AT THE
REFERENCED COORDINATES.

25X1D GROUND FORCE ORDER OF BATTLE:

NONE DISCERNIBLE

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25X1C

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KH-4 MISSION 1117

SOVIET UNION
GROUND FORCE FACILITIES

25X1D

[REDACTED]

25X1D KAZAKEVICHEVO ARMY BKS AL 1

48-16-10N 134-44-20E

25X1A

STATUS:OCCUPIED

REMARKS:

25X1D

THE AREA OCCUPIED ON [REDACTED] BY RECONNAISSANCE
VEHICLES (BRDM) WAS UNOCCUPIED.

25X1D GROUND FORCE ORDER OF BATTLE:

60 VEHICLES/PIECES OF EQUIP
(AT LEAST)

25X1D

[REDACTED]

25X1D LESOZAVODSK TRAINING AREA EAST

45-25-30N 13-33-830

25X1A

STATUS:OCCUPIED

REMARKS:

A FIELD TRAINING EXERCISE WAS TAKING PLACE IN THE NORTHERN
SECTOR OF THE TRAINING AREA ABOVE THE TANK FIRING RANGE LOCATED
9.2 NM ESE OF THE LESOZAVODSK COMPLEX CENTER AND 8.3 NM EAST OF
THE USSURI RIVER. APPROXIMATELY 45 SMALL TENTS AND
APPROXIMATELY 31 VEHICLES OR PIECES OF EQUIPMENT WERE OBSERVED.
ANOTHER SMALL TENT CAMP CONSISTING OF APPROXIMATELY 15 TENTS
WAS IN THE SOUTHERN PORTION OF THE TRAINING AREA.

25X1D GROUND FORCE ORDER OF BATTLE:

31 VEHICLES/PIECES OF EQUIP
(APPROXIMATELY)

25X1D ASSOCIATED OBJECTS:

60 TENTS

25X1D

[REDACTED]

25X2

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8-9
25X1C

TCS-21297/72 - IPIR 3
KH-4 MISSION 1117

SOVIET UNION
INDUSTRY

SIGNIFICANT RESULTS

BRYANSK ROAD MACH A GM SPT EQUIP PLT I

53-14-49N 034-22-54E

25X1A

STATUS: OPERATIONAL

25X1D

REMARKS:
THE LARGE NEW PROBABLE MISSILE TRANSPORTER SEEN IN
WAS OBSERVED IN THE SAME AREA OF THE TRANSPORTER
PARKING YARD. SCALE OF THE PHOTOGRAPHY PREVENTED ANY FURTHER
INTERPRETATION.

FAUSTOVO ROCKET ENGINE TEST FACILITY

55-27-40N 038-31-52E

25X1A

STATUS: OPERATIONAL

REMARKS:
NEW CONSTRUCTION IN THE NORTHEASTERN CORNER OF THE MISSILE
PROPULSION TEST AREA MAY BE FOR A NEW TEST POSITION. A
BUILDING WAS IN AN EARLY STAGE OF CONSTRUCTION IN THIS AREA
WHICH IS JUST EAST OF THE VERTICAL TEST STAND. TWO BUILDINGS
NEARBY ARE NOW CONNECTED TO A BLOWER HOUSE BY A LARGE-DIAMETER
PIPELINE. TWO SMALL BUILDINGS HAVE BEEN COMPLETED JUST SOUTH
OF THE BLOWER HOUSE, AND A BUILDING WAS UNDER CONSTRUCTION NE
OF THE BLOWER HOUSE.

GORKIY/SORMOVO AFLD

56-19-12N 043-48-14E

25X1A

STATUS: OPERATIONAL

REMARKS:
CONSTRUCTION ACTIVITY WAS OBSERVED AT THE WEST END OF THE
PARALLEL TAXIWAY. THE PARKING APRON APPEARED TO BE IN THE
PROCESS OF BEING ENLARGED.

ASSOCIATED OBJECTS:

15 PROB AIRCRAFT (AT LEAST)

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TOP SECRET RUFF

HANDLE VIA
TALENT-KEYHOLE
CONTROL SYSTEM ONLY

25X1C

HANDLE VIA
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TALENT-KEYHOLE
CONTROL SYSTEM ONLY

TCS-21297/72 - IPIR 3
KH-4 MISSION 1117

SOVIET UNION
INDUSTRY

25X1D

KAZAN AIRFRAME PLANT B-387

55-51-19N 049-02-31E

25X1D

25X1A

STATUS: OPERATIONAL

REMARKS:

THE LARGE ASSEMBLY BUILDING LOCATED IN THE NW CORNER OF THE
PLANT, REPORTED 80 PERCENT COMPLETE IN [REDACTED],
APPEARED COMPLETE. A NEW PROBABLE TEST BUILDING REPORTED ON [REDACTED]
LOCATED WEST OF THE LARGE ASSEMBLY BUILDING
WAS ALSO COMPLETE. FIVE QUONSET-TYPE BUILDINGS LOCATED
IMMEDIATELY SOUTH OF THE LARGE ASSEMBLY BUILDING, FIRST
OBSERVED UNDER CONSTRUCTION ON [REDACTED], WERE
COMPLETE.

ASSOCIATED OBJECTS:

44 PROB HIP (AT LEAST) 8 HIP COMPONENT CRATES (AT
11 HIP FUSELAGE CRATES (AT LEAST)
LEAST) 24 ROTOR CRATES (AT LEAST)

MIASS MOTOR VEHICLE PLANT URAL

55-04-24N 060-06-21E

STATUS: OPERATIONAL

REMARKS:

A LARGE ASSEMBLY BUILDING IN THE NORTH END OF THE PLANT WAS
BEING EXPANDED. APPROXIMATELY 120 UNIDENTIFIED VEHICLES WERE
PARKED IN A TRANSHIPMENT AREA ON THE NORTH SIDE OF THE PLANT.

ASSOCIATED OBJECTS:

120 UNID VEHICLES
(APPROXIMATELY)

HANDLE VIA
TALENT KEYHOLE
CONTROL SYSTEM ONLY

TCS-21297/72 - IPIR 3
KH-4 MISSION 1117

25X1C

SOVIET UNION
INDUSTRY

MOSCOW/LYUBERTSY AFLD

55-41-05N 037-51-20E

25X1D

25X1A

STATUS: OPERATIONAL

REMARKS:

NO CHANGE IN FACILITIES OR AIRCRAFT WERE OBSERVED IN CLOUD-FREE
PORTIONS OF THE KAMOV AREA.

ASSOCIATED OBJECTS:

25X1D

-- IN MAINTENANCE/REPAIR AREA
1 BADGER 3 CAT/CUB
4 CRATE

25X1D

-- IN MIL AREA
3 HEAVY HELICOPTERS (AT
LEAST) 6 MEDIUM HELICOPTERS (AT
LEAST)

25X1D

MOSKVA AIRFRAME PLANT 30

55-47-03N 037-32-49E

25X1D

25X1A

STATUS: OPERATIONAL

ASSOCIATED OBJECTS:

25X1D

5 MEDIUM HELICOPTERS 1 SMALL STRAIGHT-WING

25X1D

MOSKVA HELICOPTER TEST AREA BYKOV

55-38-50N 038-04-40E

25X1D

25X1A

STATUS: OPERATIONAL

ASSOCIATED OBJECTS:

25X1D

1 HOMER (STATIC TEST MODEL)
1 MEDIUM HELICOPTER (STATIC
TEST MODEL)

25X1D

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KH-4 MISSION 1117

25X1C

SOVIET UNION
INDUSTRY

MOSKVA MIL DES BUR A EXP FAC TOMILINO

55-40-00N 037-56-00E

25X1D

25X1A

STATUS: OPERATIONAL

REMARKS:

ONE HOMER WAS ON THE PARKING APRON IN FRONT OF THE ASSEMBLY
BUILDING. NO OTHER CHANGES TO THE PLANT WERE OBSERVED.

ASSOCIATED OBJECTS:

25X1D

1 HOMER

25X1D

OMSK AIRFRAME PLT 166

54-58-00N 073-27-25E

25X1D

25X1A

STATUS: OPERATIONAL

REMARKS:

THE MAIN PLANT AND FINAL ASSEMBLY HALL WERE PARTIALLY OBSCURED
BY CLOUD AND SHADOW. THE AIRFIELD WAS CLEAR.

ASSOCIATED OBJECTS:

26 FIDDLER

25X1D

9 PROB FISHPOT

2 FAGOT/FRESCO

1 CAMEL

2 CAT/CUB

2 CAB

25X1D

UFA ROCKET ENGINE TEST FACILITY

54-59-05N 056-04-20E

25X1D

25X1A

STATUS: OPERATIONAL

REMARKS:

TWO DARK STAINS ON THE BLAST APRON OF THE TEST BUILDING
INDICATE TEST ACTIVITY.

25X1D

HANDLE VIA
TALENT-Approved For Release
CONTROL SYSTEM ONLY

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KH-4 MISSION 1117

25X1C

YEMEN
AIR BASE FACILITIES

SIGNIFICANT RESULTS

AL HUDAYDAH AIRFIELD NEW
25X1D

14-44-50N 042-58-58E

25X1A

STATUS:UNKNOWN

REMARKS:

ONLY THE TIP OF THE NE END OF THE RUNWAY WAS PHOTOGRAPHED.

AIR ORDER OF BATTLE:

25X1D

NONE DISCERNIBLE

25X1D

RAWDAH AIRFIELD
25X1D

15-28-19N 044-12-53E

25X1A

STATUS:OPERATIONAL

REMARKS:

THE RUNWAY REMAINED SERVICEABLE BUT IN POOR CONDITION. THERE WAS SOME UNIDENTIFIED CONSTRUCTION ACTIVITY IN THE SUPPORT AREA.

AIR ORDER OF BATTLE:

25X1D

NONE DISCERNIBLE

25X1D

HANDLE VIA

TALENT-KEYHOLE
CONTROL SYSTEM ONLY

8-9

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KH-4 MISSION 1117

25X1C

YUGOSLAVIA
INDUSTRY

SIGNIFICANT RESULTS

25X1D

MOSTAR AIRFRAME PLT SOKO

43-18-40N 017-48-08E

25X1A

STATUS: OPERATIONAL

25X1D

ASSOCIATED OBJECTS:

-- AT THE AIRFIELD

14 SMALL STRAIGHT-WING

8 PROB SMALL STRAIGHT-WING

1 LIGHT STRAIGHT-WING
(TAKING OFF)

-- AT THE PLANT

4 POSS SMALL STRAIGHT-WING

25X1D

25X1D

WWIPR CODES

<u>Status (STA:)</u>	<u>OB</u>	<u>Interpretability</u>
NEG - Negated	MIS: Missiles	E - Excellent
UCO - Under Const	AOB: Air	G - Good
COM - Complete	NVL: Naval	F - Fair
UKN - Unknown	GFW: Grd Force	P - Poor
NOP - Not Oprtl	ELC: Electronic	
OPR - Operat'l	AAA: Antiair	<u>Conditions</u>
OCC - Occupied	OBJ: Assoc Objs	CL - Clear
UNP - Unoccupied		SC - Scattered Cloud
ABN - Abandoned	<u>Mode</u>	HC - Heavy Cloud
RMV - Removed	W - Stereo/Blk & White	HA - Haze
TRN - Transitory	P - Part Stereo/ Blk & White	SN - Snow
DMG - Damaged	B - Mono Blk & White	SH - Shadow
DST - Destroyed	S - Stereo/Color	OL - Obliquity
	A - Part Stereo/ Color	SD - Semi- darkness
<u>General</u>	C - Mono Color	HD - Heavy Dust/ Smoke
IMR: Image Ref (Photo Ref)	D - Camouflage Detection	<u>Coverage</u>
DES: Description	F - Infrared	C - Complete
RMK: Remarks	R - Radar	P - Partial
IDC: Image Derived Coord.	N - Nonstandard	O - Oblique
MPR: Map Ref		V - Vertical
DFC: Defenses/ Security		

25X1C

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